

01-14-02

**NON-PROVISIONAL
UTILITY PATENT APPLICATION
TRANSMITTAL - 37 CFR 1.53(b)**

☐ Duplicate
(check, if applicable)

Assistant Commissioner for Patents Attorney Docket No. 9346-018US (TW/PSC/I.4929/010)
BOX PATENT APPLICATION First Named Inventor: Diao XU *et al.*
Washington, DC 20231 Express Mail Label No. EL916938347US
Total Pages of Transmittal Form: 2

Transmitted herewith for filing is the non-provisional utility patent application entitled:

MICROVALVE DEVICES

which is:

an ☒ Original; or

a ☐ Continuation, ☐ Divisional, or ☐ Continuation-in-part (CIP)
of prior Application No. filed.

Anticipated Group/Art Unit: or Class, Subclass.

☐ This non-provisional patent application is based on Provisional Patent Application No.,
filed.

Enclosed are:

- ☒ Specification (including Abstract) and claims: 16 pages.
- ☐ Application Data Sheet.
- ☒ Newly executed Declaration (original).
- ☐ Copy of Declaration from prior application.
- ☐ Separate Power of Attorney (including 37 CFR 3.73(b) statement, if applicable).
- ☒ 4 sheets of drawings (formal).
- ☐ Transmittal Letter Accompanying Submission of Compact Disc in Accordance
with 37 C.F.R. §1.52(e), plus two identical compact discs (for computer program
Appendix)
- ☐ Nucleotide and/or Amino Acid Sequence Submission, including:
☐ Computer readable copy ☐ Paper Copy ☐ Verified Statement.
- ☒ Under PTO-1595 Cover Sheet, an assignment of the invention
- ☒ Name of Assignee: **Institute of High Performance Computing**
- ☐ Certified copy(ies) of Application No(s). filed is/are filed:
☐ herewith or ☐ in prior application.
- ☒ Applicants, by their undersigned attorney, claim Small Entity Status under 37
C.F.R. §1.27 as ☐ an Independent Inventor, or ☐ a Small Business Concern, or
☒ a Non-Profit Organization.
- ☒ Preliminary Amendment.
- ☐ Information Disclosure Statement, PTO/SB/08A, and cited references.
- ☐ Request for Nonpublication of Application Under 35 U.S.C. §122(b)
- ☐ Other:

The filing fee is calculated as follows:

| | | | SMALL ENTITY | | | LARGE ENTITY | |
|---------------------------------------|-----------|-----------|--------------|----------|----|--------------|----|
| CLAIMS | NO. FILED | NO. EXTRA | BASIC FEE: | | | BASIC FEE: | |
| | | | \$370 | | | \$740 | |
| Total | 18 - 20 = | - 0 - | X9 | \$ | OR | X18 | \$ |
| Independent | 1 - 3 = | - 0 - | X42 | \$ | OR | X84 | \$ |
| [] Multiple Dependent Claims Present | | | \$140 | \$ | OR | \$280 | \$ |
| | | | TOTAL | \$370.00 | OR | TOTAL | \$ |

[] **The Commissioner is not authorized to charge the filing fee at this time as we elect to defer payment of the entire filing fee until receipt of a Notice to File Missing Parts.**

[X] A check in the amount of **\$370.00** to cover the filing fee is enclosed.

[X] The Commissioner is hereby authorized to charge and/or credit **Deposit Account No. 50-1017 (Billing No. 209346.0018)** as noted below. A duplicate copy of this sheet is enclosed.

[X] Any overpayments or deficiencies in the above-calculated fee.

[] Filing fee in the amount of \$ _____ as calculated above.

[X] Any additional fees required under 37 C.F.R. § 1.16 and § 1.17.

[X] In the event that a Petition for Extension of Time is required during the prosecution of this application, but not submitted, please charge any extension fee under 37 C.F.R. § 1.136(a) to our Deposit Account noted above.

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LLK:srn

Enclosures